



ALBERT VODERMAYER, et al.
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PATENT

IN THE CLAIMS:

Please cancel claims 1-10. Please add the following new claims.

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- 1 11. (New) An areally extended composite material including fibers and
2 plastic impregnations, the material comprising at least two arrays of parallel fiber cords,
3 the two arrays extending in different directions, forming a web, mesh or grid, wherein the
4 fibers of the first array are impregnated with substantially more plastic than the fibers of a
5 second array such that the composite material is stiff in a direction of the fibers of the
6 first array and is flexible transversely to said direction, and wherein openings exist
7 between the fiber cords.
- 1 12. (New). An areally extended composite material in accordance with
2 claim 11 wherein the fiber cords are one of either bundle-like or band-like.
- 1 13. (New) An areally extended composite material in accordance with
2 claim 11 wherein the fibers of the first array are impregnated with substantially more
3 plastic than the fibers of a third array.
- 1 14. (New) An areally extended composite material in accordance with
2 claim 11 wherein the composite material is built up through two arrays of fiber cords that
3 cross at binding points and thus form one of a web or a mesh.
- 1 15. (New) An areally extended composite material in accordance with
2 claim 11 wherein the fiber cords of the first array have an impregnation that, in relation to
3 a maximum capacity of plastic that may be taken up, amounts to at least 35%, and
4 wherein the impregnation of fiber cords of a third array is less than 20%.
- 1 16. (New) An areally extended composite material in accordance with
2 claim 15 wherein the impregnation of the fiber cords of the third array is less than 5%.

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1 *Sub E1* 17. (New) An areally extended composite material in accordance with
2 claim 11 wherein the plastic for the impregnation is a thermoplastic.

1 18. (New) An areally extended composite material in accordance with
2 claim 17 wherein at least one of a pulverized duroplastic and a pulverized inorganic
3 material is mixed with the plastic for the impregnation.

BI cont 1 *Sub E1* 19. (New) An areally extended composite material in accordance with
2 claim 11 wherein the fibers of the first array have a substantially smaller diameter than
3 the fibers of the second array.

1 20. (New) An areally extended composite material in accordance with
2 claim 19 wherein the fibers of the first array have a substantially smaller diameter than
3 the fibers of a third array.

1 *Sub E1* 21. (New) An areally extended composite material in accordance with
2 claim 19 wherein the fibers of the first array consist of carbon and the fibers of the
3 second array consist of glass.

1 22. (New) An areally extended composite material in accordance with
2 claim 20 wherein the fibers of a third array consist of glass.

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